

LMT/BPT/slc  
February 12, 2002COPY OF PAPERS  
ORIGINALLY FILEDPATENT APPLICATION  
Docket No.: 2825.1013-002

S1636

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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#12

Applicant: Hiten D. Madhani  
 Application No.: 09/439,969 Group: 1636  
 Filed: November 12, 1999 Examiner: G. Leffers, Jr.  
 For: Targets of the Map Kinase Pathway in the Developmental Switch in Yeast

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>2/12/02</u>	<u>Stephanie L. Carta</u>
Date	Signature
Stephanie L. Carta	
Typed or printed name of person signing certificate	

REQUEST FOR CORRECTION/AMENDMENT OF INVENTORSHIPUNDER 37 C.F.R. § 1.48(a)

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Applicant requests that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to add Eric S. Lander as inventor. With such amendment, Hiten D. Madhani and Eric S. Lander are the joint inventors of the subject application.

Enclosed herewith are the following documents: Statement under 37 CFR §1.48(a)(2) by Eric S. Lander; an executed Declaration by the actual inventors as required by §1.63; Written Consent of the Assignee to the inventorship change with Certificate under §3.73(b); and a check in the amount of \$130.00 in payment of the processing fee as set forth in §1.17(i).

09/439,969

-2-

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

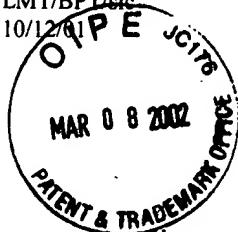
Respectfully submitted,  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Lisa M. Treannie  
Lisa M. Treannie  
Registration No.: 41,368  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

2/12/02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Hiten D. Madhani

Application No.: 09/439,969

Group: 1636

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Filed: November 12, 1999

Examiner: G. Leffers, Jr.

For: Targets of the Map Kinase Pathway in the Developmental Switch in Yeast

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on 21/12/02 Stephanie L. Carta

Date

Signature

Stephanie L. Carta

Typed or printed name of person signing certificate

**STATEMENT UNDER 37 C.F.R. § 1.48(a)(2) BY ERIC S. LANDER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Eric S. Lander, hereby state that I am a co-inventor with Hiten D. Madhani of the subject matter claimed in the above-captioned application as filed. The error of omitting my name as a co-inventor occurred without deceptive intention on my part.

Name Eric S. Lander

Date 18 Dec 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Hiten D. Madhani

MAR 14 2002

Application No.: 09/439,969

Group: 1636

Filed: November 12, 1999

Examiner: G. Leffers, Jr.

TECH CENTER 1600/2900

For: Targets of the Map Kinase Pathway in the Developmental Switch in Yeast

CERTIFICATE OF MAILING

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on 2/13/02

Date

Stephanie Carta

Signature

Stephanie L. Carta

Typed or printed name of person signing certificate

WRITTEN CONSENT OF ASSIGNEE IN CORRECTION OF INVENTORSHIP

UNDER 37 C.F.R. §1.48(a)(5)

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Whitehead Institute for Biomedical Research is the assignee of the entire right, title and interest in the referenced patent application and does hereby consent to the addition of Eric S. Lander as an inventor in the application.

A Certificate under 37 C.F.R. § 3.73(b) is being filed concurrently with this Written Consent.

Respectfully submitted,

By Patricia Granahan  
Patricia Granahan, Esq.  
Intellectual Property Manager  
Whitehead Institute for Biomedical Research

Cambridge, Massachusetts 02142

Date: December 2, 2001

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MAR 8 2001  
PATENT & TRADEMARK OFFICE  
**COPY OF PAPERS  
ORIGINALLY FILED****CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**Applicant: Hitsuda, GranahanApplication No.: 09/439,969 Filed: November 12, 1999For: Targets of the Map Kinase Pathway in the Developmental Switch in YeastWhitehead Institute for Biomedical Research

(Name of Assignee)

, a non-profit research institution

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

A.  the assignee of the entire right, title and interest in the patent application identified above.

B.  an assignee together with [ ] of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

A.  An assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011017, Frames 0354-0356, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are attached. Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: December 2, 2001Name: Patricia Granahan, Esq.Title: Intellectual Property ManagerSignature: Patricia Granahan

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAR 14 2002

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name:

TECH CENTER 1600/2900

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

TARGETS OF THE MAP KINASE PATHWAY IN THE DEVELOPMENTAL SWITCH IN YEAST

the specification of which (check one)

is attached hereto.

was filed on November 12, 1999 as United States Application  
Number or PCT International Application No. 09/439,969  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?
			YES	NO
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/108,399</u> (Application Number)	<u>November 13, 1998</u> (Filing Date)
<u>60/114,849</u> (Application Number)	<u>January 6, 1999</u> (Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133,**  
**Customer No. 21005,**

and \_\_\_\_\_

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

Customer No. **21005**  
**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**  
**530 Virginia Road**  
**P.O. Box 9133**  
**Concord, MA 01742-9133**

or

Address as follows:

Direct telephone calls to: Lisa M. Treannie, Esq. Telephone No.: 978-341-0036

Direct facsimiles to: Lisa M. Treannie, Esq. Facsimile No.: 978-341-0136

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor Hiten D. Madhani

Inventor's Signature Hiten D. Madhani Date 11-01

Residence 216 Downey Street

San Francisco, California 94117

Citizenship United States of America

Post Office Address same as above

Full name of second joint

inventor, if any Eric S. Lander

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 151 Bishop Allen Drive

Cambridge, Massachusetts 02139

Citizenship United States of America

Mailing Address same as above

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Substitute Declaration for Patent Application

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TECH CENTER 1600/2900



As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

TARGETS OF THE MAP KINASE PATHWAY IN THE DEVELOPMENTAL SWITCH IN YEAST

the specification of which (check one)

[ ] is attached hereto.

[X] was filed on November 12, 1999 as United States Application  
Number or PCT International Application No. 09/439,969  
and was amended on \_\_\_\_\_ (if applicable).

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed? YES      NO
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[ ] [ ]

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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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**Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133,**  
**Customer No. 21005,**

and \_\_\_\_\_,

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**530 Virginia Road**  
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**Concord, MA 01742-9133**

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Full name of sole  
or first inventor Hiten D. Madhani

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 216 Downey Street  
San Francisco, California 94117

Citizenship United States of America

Post Office Address same as above

-----

Full name of second joint  
inventor, if any \_\_\_\_\_ Eric S. Landes

Inventor's Signature \_\_\_\_\_ Date 18 Dec 2001

Residence \_\_\_\_\_ 151 Bishop Allen Drive  
Cambridge, Massachusetts 02139

Citizenship \_\_\_\_\_ United States of America

Mailing Address \_\_\_\_\_ same as above

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